

**2011**  
**YEAR END**  
**REPORT**

**MENOMONIE**  
**FIRE**  
**DEPARTMENT**

## **CHIEF**

John R. Baus

## **ADMINISTRATIVE ASSISTANT**

Teri Riek

## **BATTALION CHIEFS**

Don Terkelsen

Denny Klass

John Entorf

## **LIEUTENANTS**

Andy Benrud

Chuck Mensing

Tim Koleski

## **FIREFIGHTER/EMTs**

Pete Terry

Rich Brackett

Lynn Johnson

Greg Drazkowski

Jon Fisher

Randy Wood

Kyle Repaal

Larry Zais

Bruce Brantner

Chad Bock

Juan Gamez

Adam Mucks

Jon Peterson

Brett Bauer

Tim Fasbender

Mike Christian

Brady Bleskacek

Matt Poliak

Lindsay Manning

Corey Steinkraus

Erik Schuett

## **PAID ON CALL FIREFIGHTERS**

Greg Corning

Mike Hayden

Kyle Homan

Scott Howard

Andy Kissh

Tony Klatt

Joe Kunkel

Arden McMartin

Tyler Place

Jason Spetz

Scott Barnhart

Doug Fleming

Todd Glenna

Greg Henderson

Ben Holle

Rick Johnson

Korey Maves

Christian Meyer

Karl Palmer

Marcus Quilling

# Menomonie Fire Department

## **Administrative Functions**

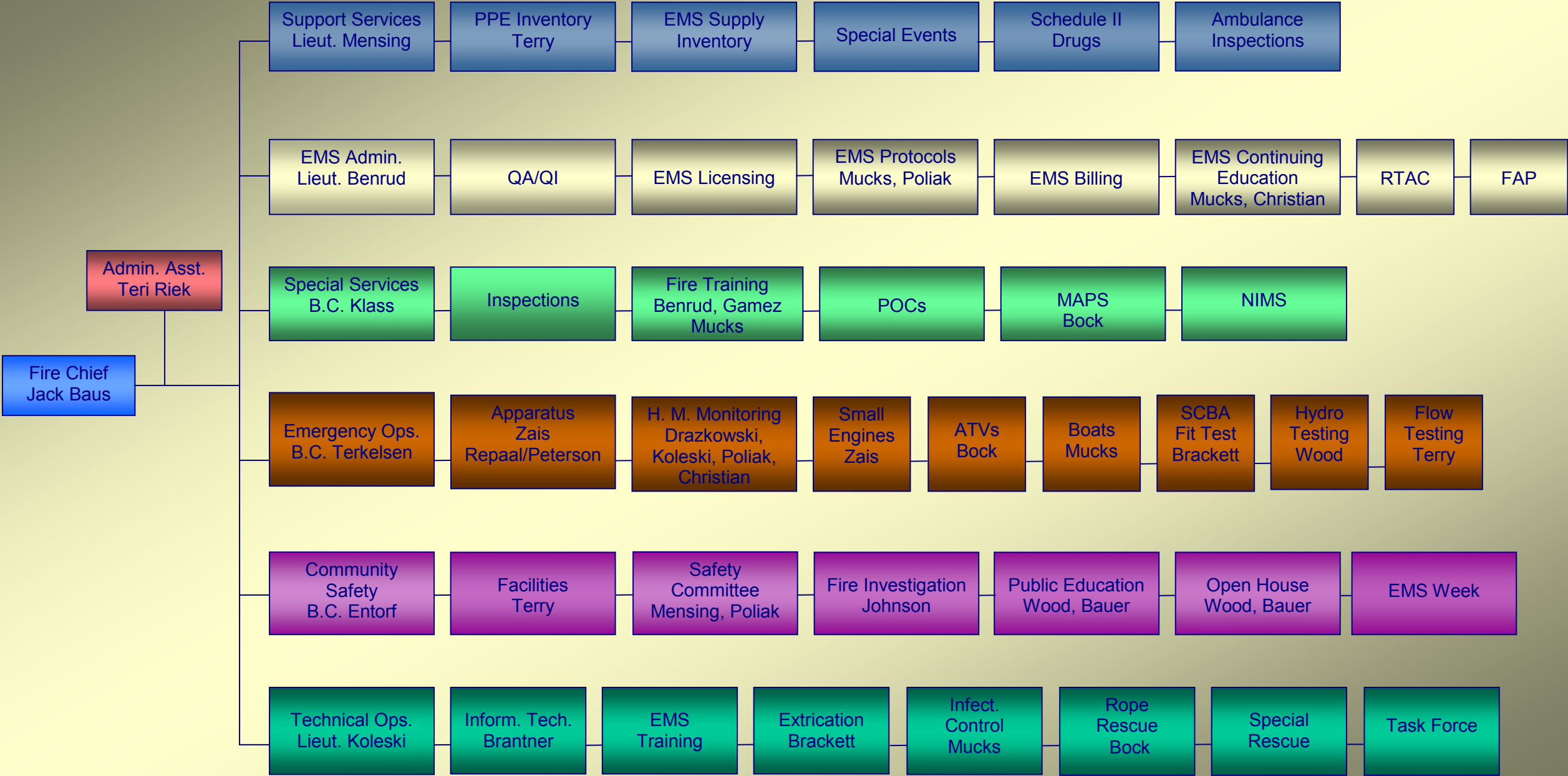
**FIRE CHIEF**  
**John R. Baus**

Administrative Assistant

Teri Riek

<b>Emergency Operations</b>	<b>Special Services</b>	<b>Community Safety</b>	<b>EMS Administration</b>	<b>Technical Operations</b>	<b>Support Services</b>
<b>Battalion Chief Terkelsen</b>	<b>Battalion Chief Klass</b>	<b>Battalion Chief Entorf</b>	<b>Lieutenant Benrud</b>	<b>Lieutenant Koleski</b>	<b>Lieutenant Mensing</b>
Fire Operations	Inspections/Code Enforcement	Safety	EMS Licensing	Task Force	EMS Inventory
Haz-Mat	Training	Public Education	EMS Protocols	Extrication	Special Events
Fleet Services	POCs	Facilities	EMS Billing	Information Technology	Schedule II Drugs
Equipment	NIMS	Fire Investigation	EMS QA / QI	EMS In House Training	Ambulance Inspections
Dispatch Liaison			RTAC	WARDS	Personal Protective Equipment
SOGs			EMS Continuing Education	NFIRS	
				Infectious Control	

# Menomonie Fire Department



## Chief's Report

There were many interesting and challenging emergencies our members dealt with throughout the year in addition to the many non-emergency services provided on a daily basis for the greater Menomonie area.

In addition to fires and medical emergencies, the following pages discuss the many additional duties we manage on a daily basis. We interact with many state and national organizations to meet necessary standards as well as work closely with local city and county departments. Each year we have taken steps to improve the efficiencies within our department in different ways, one of which is through the sharing of services and equipment with other local departments.

We take pride in our emergency response operations, as well as our prevention, inspection, and education efforts. However, our members also work hard to maintain our fire stations, vehicles, and equipment. Each member has a special talent that we draw on to meet the department needs just as we all do in our own homes and personal lives. I am very proud to say that great effort is extended to do as much as we can before we seek the assistance of another provider at a financial cost.

The fire department was the recipient of several grants this year for which we are extremely grateful.

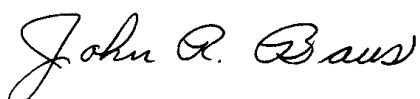
- The Department of Homeland Security for emergency radios in the amount of \$22,300 enabled us to replace radios which were severely needed saving budgeted funds.
- The Department of Homeland Security provided funds of nearly \$6,200 for special rescue training. Several members attended specialized training respective to confined space, trench rescue, search and rescue, and other specialized areas.
- Received \$55,000 from the Fairmont Mine Corporation. Funds were used for the purchase of needed water rescue and technical rescue related equipment and a trailer to transport it.
- With the assistance of the Rural Fire Board a fund raiser was held to raise approximately \$20,000. This purchased two Automated CPR units.
- The 3M company donated \$1,450 to use for EMS training equipment. These funds purchased an intubation manikin our medics use to practice various skills critical in respiratory emergencies.
- A Marketplace fundraiser for fire prevention education raised \$1,200.

These grants and donations amounted to over \$106,000 that were utilized to purchase needed equipment and training that will be used for the continued protection of our community.

We had a number of personnel changes during the year including the hiring of two new entry level fire fighters who replaced two that resigned. Lieutenant Matt Simpson retired and his position was filled by veteran fire fighter Tim Koleski who was promoted to lieutenant. Lieutenant Koleski achieved this position by scoring the highest among ten candidates after a series of performance evaluations, a written exam, a full day assessment center, and an interview with the Police and Fire Commission.

Please review the following reports provided by each of our officers summarizing activities specific to their division as well as the statistical reports. As always, if you have any questions or concerns, please do not hesitate to contact me.

Lastly, thank you to everyone who in one manner or another supported the fire department in the last year. Your time and effort is valuable and always appreciated!



Fire Chief

## **Emergency Operations**



### **Emergency Responses**

In 2011 the Menomonie Fire Department (MFD) responded to 2572 emergency requests for our services. During 2009 MFD changed the running schedule that reduced the number of personnel and apparatus responding to a large number of EMS responses. This change was made to utilize on duty personnel more efficiently and reduce the number of vehicles responding in emergent mode. We continue to monitor and modify the responses to effectively deliver the appropriate level of response in a safe manner.

We are in the third year of the change in the running schedule. We continue to provide a high level of service. A great deal of credit goes to our medics that handle a majority of our responses. We have a great group of firefighter/medics that are well trained and have the confidence to handle the demands of the emergency responses.

## **Fairmount Mineral Grant**

During 2011 the Menomonie Fire Department received a \$50,000 grant from Fairmount Minerals. Fairmount Minerals operates a sand mine in Red Cedar Township just east of the city limits. With this grant we were able to update and improve our service to the entire community as well as the employees of Fairmount Minerals. The items purchased were as follows:

1.) Fire Extinguisher Demonstrator

Safe and essential LP gas fueled props used to train employees of local employers, civic groups, students, and the general public. Hundreds of people are trained annually. This new equipment is cleaner and improves safety.

2.) Rapid Intervention Team Equipment

Specialized equipment used at emergency incidents for the rescue of fire fighters and citizens.

3.) Technical Rescue Equipment

Used to extricate victims from various industrial accidents such as collapse, cave in, entrapment, and confined space.

4.) Thermal Imaging Devices

A hand held device carried by a firefighter to assist in locating victims and heat or fire through smoke, darkness, or construction materials where there is no visibility. We were able to purchase two new thermal imaging devices.

5.) Technical Rescue Trailer

We would like to become more efficient in responding to special rescue emergencies. This trailer allows us to store essential equipment on wheels ready to respond to a scene much more effectively than previously possible.



## **Ice Rescue**

Fairmount Minerals also purchased an ice rescue boat for MFD in 2011. This boat is an inflatable rescue craft that stores easily and deploys quickly. The \$4500 rescue boat is another essential rescue tool MFD will use for many years to come.



Lake Menomin Ice Rescue Training



## **Equipment Testing**

An ongoing duty of the operations division is the maintenance and testing of various pieces of emergency equipment. Annual testing of fire pumps, hose, ladders, self contained breathing apparatus and hydraulic rescue tools are examples of equipment tested to National Fire Protection Association standards. Whenever possible, on duty staff is utilized to conduct the tests. This is done primarily for cost effectiveness but also gives the staff an opportunity to evaluate the condition of this life safety equipment.

## **Apparatus Maintenance**

In 2011 MFD continued to strive for a fleet of vehicles that was ready to respond at all times. There were a few major repairs including the installation of new roll up doors on Rescue 1. The reflective striping was also updated to match Ladder 4 and Engine 6. Medics 1 and 2 also had extensive maintenance/repair performed on the fuel injectors. Several trucks also had new tires installed. The on duty crews do a great job of maintaining these trucks on a daily basis.

## **Hazardous Materials**

In 2011 the Haz Mat team continued to update equipment. Additional 60 minute SCBA bottles were purchased. This completes a three year plan to update the Haz Mat team's SCBA equipment. Also purchased were 4 new gas meters. These meters will now give us complete compatibility with the regional type 1 team.

## **Mutual Aid Box Alarm System (MABAS)**

The MABAS system continues to grow throughout Wisconsin. Division 117 representatives are working with St. Croix and Pierce counties as they begin the MABAS certification process. Division 117 members have also traveled to the St. Paul – Minneapolis metro area to discuss the advantages of the MABAS system.

Don Terkelsen  
Battalion Chief

# Menomonie Fire Department

## Incident Type Report (Summary)

Alarm Date Between {01/01/2011} And  
{12/31/2011}

Incident Type	Count	Pct of Incidents	Total Est Loss	Pct of Losses
<b>1 Fire</b>				
100 Fire, Other	6	0.78%	\$75	0.00%
111 Building fire	21	2.72%	\$774,950	86.67%
112 Fires in structure other than in a building	1	0.13%	\$1,300	0.14%
113 Cooking fire, confined to container	16	2.07%	\$600	0.06%
114 Chimney or flue fire, confined to chimney or flue	2	0.26%	\$0	0.00%
118 Trash or rubbish fire, contained	2	0.26%	\$0	0.00%
121 Fire in mobile home used as fixed residence	2	0.26%	\$1,000	0.11%
130 Mobile property (vehicle) fire, Other	3	0.39%	\$20,000	2.23%
131 Passenger vehicle fire	10	1.30%	\$78,400	8.76%
132 Road freight or transport vehicle fire	4	0.52%	\$0	0.00%
137 Camper or recreational vehicle (RV) fire	1	0.13%	\$0	0.00%
138 Off-road vehicle or heavy equipment fire	2	0.26%	\$5,000	0.55%
140 Natural vegetation fire, Other	1	0.13%	\$0	0.00%
141 Forest, woods or wildland fire	4	0.52%	\$0	0.00%
142 Brush or brush-and-grass mixture fire	6	0.78%	\$0	0.00%
143 Grass fire	2	0.26%	\$0	0.00%
151 Outside rubbish, trash or waste fire	2	0.26%	\$0	0.00%
152 Garbage dump or sanitary landfill fire	1	0.13%	\$0	0.00%
154 Dumpster or other outside trash receptacle fire	4	0.52%	\$2,000	0.22%
160 Special outside fire, Other	2	0.26%	\$0	0.00%
170 Cultivated vegetation, crop fire, Other	1	0.13%	\$260	0.02%
	<b>93</b>	<b>12.05%</b>	<b>\$883,585</b>	<b>98.82%</b>
<b>2 Overpressure Rupture, Explosion, Overheat(no fire)</b>				
200 Overpressure rupture, explosion, overheat other	1	0.13%	\$0	0.00%
251 Excessive heat, scorch burns with no ignition	10	1.30%	\$500	0.05%
	<b>11</b>	<b>1.42%</b>	<b>\$500</b>	<b>0.05%</b>
<b>3 Rescue &amp; Emergency Medical Service Incident</b>				
300 Rescue, EMS incident, other	6	0.78%	\$0	0.00%
311 Medical assist, assist EMS crew	274	35.49%	\$0	0.00%
321 EMS call, excluding vehicle accident with injury	1	0.13%	\$0	0.00%
322 Motor vehicle accident with injuries	47	6.09%	\$10,000	1.11%
323 Motor vehicle/pedestrian accident (MV Ped)	3	0.39%	\$0	0.00%
324 Motor Vehicle Accident with no injuries	25	3.24%	\$0	0.00%
331 Lock-in (if lock out , use 511 )	1	0.13%	\$0	0.00%
340 Search for lost person, other	1	0.13%	\$0	0.00%
350 Extrication, rescue, Other	3	0.39%	\$0	0.00%
352 Extrication of victim(s) from vehicle	1	0.13%	\$0	0.00%
353 Removal of victim(s) from stalled elevator	5	0.65%	\$0	0.00%

# Menomonie Fire Department

## Incident Type Report (Summary)

Alarm Date Between {01/01/2011} And  
{12/31/2011}

Incident Type	Count	Pct of Incidents	Total Est Loss	Pct of Losses
<b>3 Rescue &amp; Emergency Medical Service Incident</b>				
357 Extrication of victim(s) from machinery	1	0.13%	\$0	0.00%
360 Water & ice-related rescue, other	1	0.13%	\$0	0.00%
365 Watercraft rescue	2	0.26%	\$0	0.00%
381 Rescue or EMS standby	8	1.04%	\$0	0.00%
	<b>379</b>	<b>49.09%</b>	<b>\$10,000</b>	<b>1.11%</b>
<b>4 Hazardous Condition (No Fire)</b>				
400 Hazardous condition, Other	1	0.13%	\$0	0.00%
411 Gasoline or other flammable liquid spill	7	0.91%	\$0	0.00%
412 Gas leak (natural gas or LPG)	15	1.94%	\$0	0.00%
420 Toxic condition, Other	1	0.13%	\$0	0.00%
424 Carbon monoxide incident	21	2.72%	\$0	0.00%
440 Electrical wiring/equipment problem, Other	2	0.26%	\$0	0.00%
442 Overheated motor	3	0.39%	\$0	0.00%
444 Power line down	2	0.26%	\$0	0.00%
445 Arcing, shorted electrical equipment	4	0.52%	\$0	0.00%
	<b>56</b>	<b>7.25%</b>	<b>\$0</b>	<b>0.00%</b>
<b>5 Service Call</b>				
500 Service Call, other	8	1.04%	\$0	0.00%
510 Person in distress, Other	2	0.26%	\$0	0.00%
511 Lock-out	1	0.13%	\$0	0.00%
522 Water or steam leak	2	0.26%	\$0	0.00%
531 Smoke or odor removal	3	0.39%	\$0	0.00%
5311 Gas odor	5	0.65%	\$0	0.00%
550 Public service assistance, Other	2	0.26%	\$0	0.00%
551 Assist police or other governmental agency	4	0.52%	\$0	0.00%
552 Police matter	1	0.13%	\$0	0.00%
554 Assist invalid	1	0.13%	\$0	0.00%
561 Unauthorized burning	3	0.39%	\$0	0.00%
571 Cover assignment, standby, moveup	1	0.13%	\$0	0.00%
	<b>33</b>	<b>4.27%</b>	<b>\$0</b>	<b>0.00%</b>
<b>6 Good Intent Call</b>				
600 Good intent call, Other	28	3.63%	\$0	0.00%
611 Dispatched & cancelled en route	28	3.63%	\$0	0.00%
622 No Incident found on arrival at dispatch address	8	1.04%	\$0	0.00%
650 Steam, Other gas mistaken for smoke, Other	1	0.13%	\$0	0.00%

# Menomonie Fire Department

## Incident Type Report (Summary)

Alarm Date Between {01/01/2011} And  
{12/31/2011}

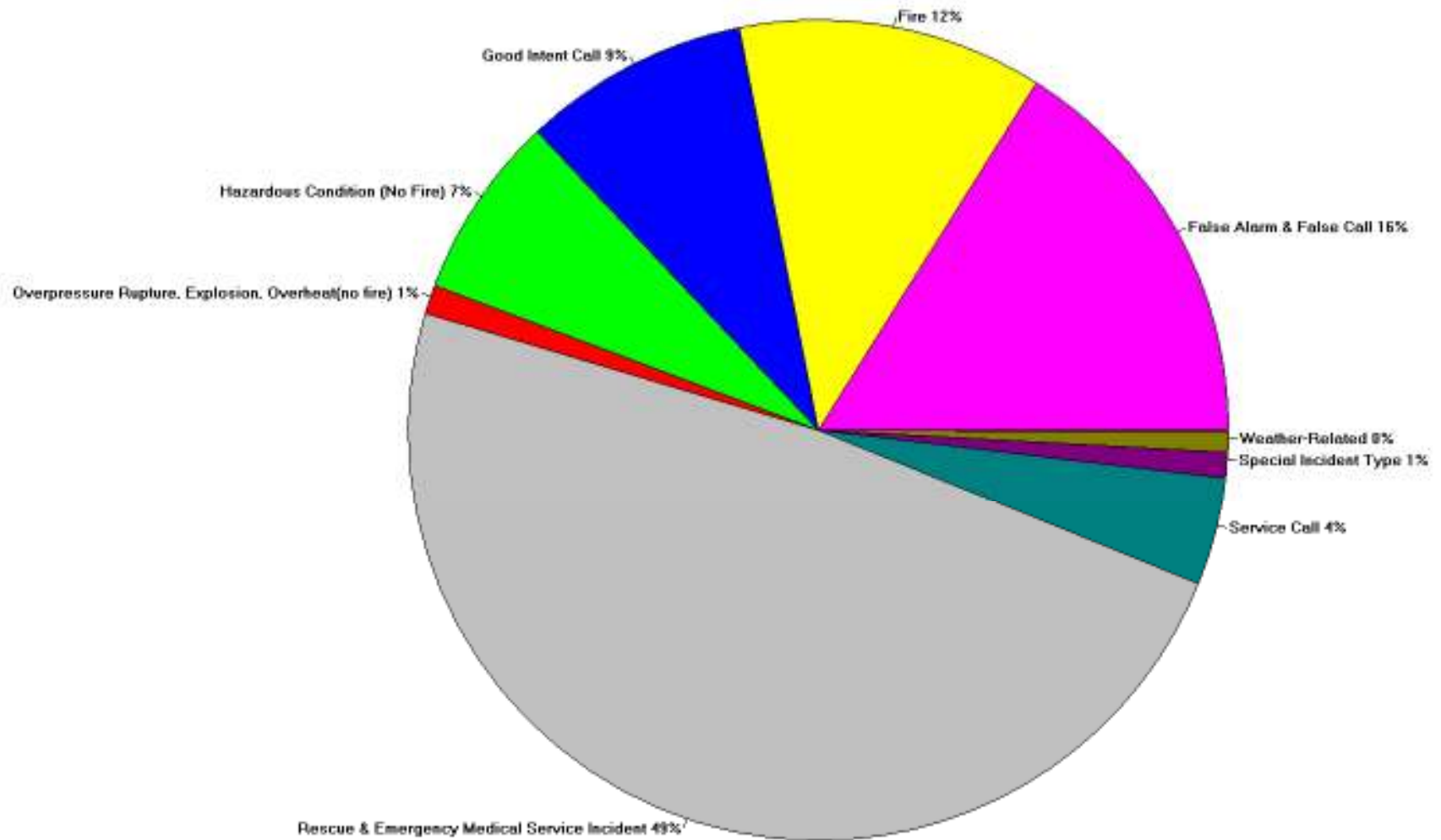
Incident Type	Count	Pct of Incidents	Total Est Loss	Pct of Losses
<b>6 Good Intent Call</b>				
651 Smoke scare, odor of smoke	1	0.13%	\$0	0.00%
652 Steam, vapor, fog or dust thought to be smoke	1	0.13%	\$0	0.00%
	<b>67</b>	<b>8.68%</b>	<b>\$0</b>	<b>0.00%</b>
<b>7 False Alarm &amp; False Call</b>				
700 False alarm or false call, Other	10	1.30%	\$0	0.00%
710 Malicious, mischievous false call, Other	7	0.91%	\$0	0.00%
715 Local alarm system, malicious false alarm	5	0.65%	\$0	0.00%
730 System malfunction, Other	1	0.13%	\$0	0.00%
733 Smoke detector activation due to malfunction	4	0.52%	\$0	0.00%
735 Alarm system sounded due to malfunction	15	1.94%	\$0	0.00%
736 CO detector activation due to malfunction	16	2.07%	\$0	0.00%
740 Unintentional transmission of alarm, Other	7	0.91%	\$0	0.00%
741 Sprinkler activation, no fire - unintentional	1	0.13%	\$0	0.00%
742 Extinguishing system activation	1	0.13%	\$0	0.00%
743 Smoke detector activation, no fire - unintentional	17	2.20%	\$0	0.00%
744 Detector activation, no fire - unintentional	7	0.91%	\$0	0.00%
745 Alarm system activation, no fire - unintentional	26	3.37%	\$0	0.00%
746 Carbon monoxide detector activation, no CO	7	0.91%	\$0	0.00%
	<b>124</b>	<b>16.06%</b>	<b>\$0</b>	<b>0.00%</b>
<b>8 Severe Weather &amp; Natural Disaster</b>				
814 Lightning strike (no fire)	1	0.13%	\$0	0.00%
	<b>1</b>	<b>0.13%</b>	<b>\$0</b>	<b>0.00%</b>
<b>9 Special Incident Type</b>				
900 Special type of incident, Other	3	0.39%	\$0	0.00%
9001 Assist Menomonie Police Dept.	5	0.65%	\$0	0.00%
	<b>8</b>	<b>1.04%</b>	<b>\$0</b>	<b>0.00%</b>

Total Incident Count: 772

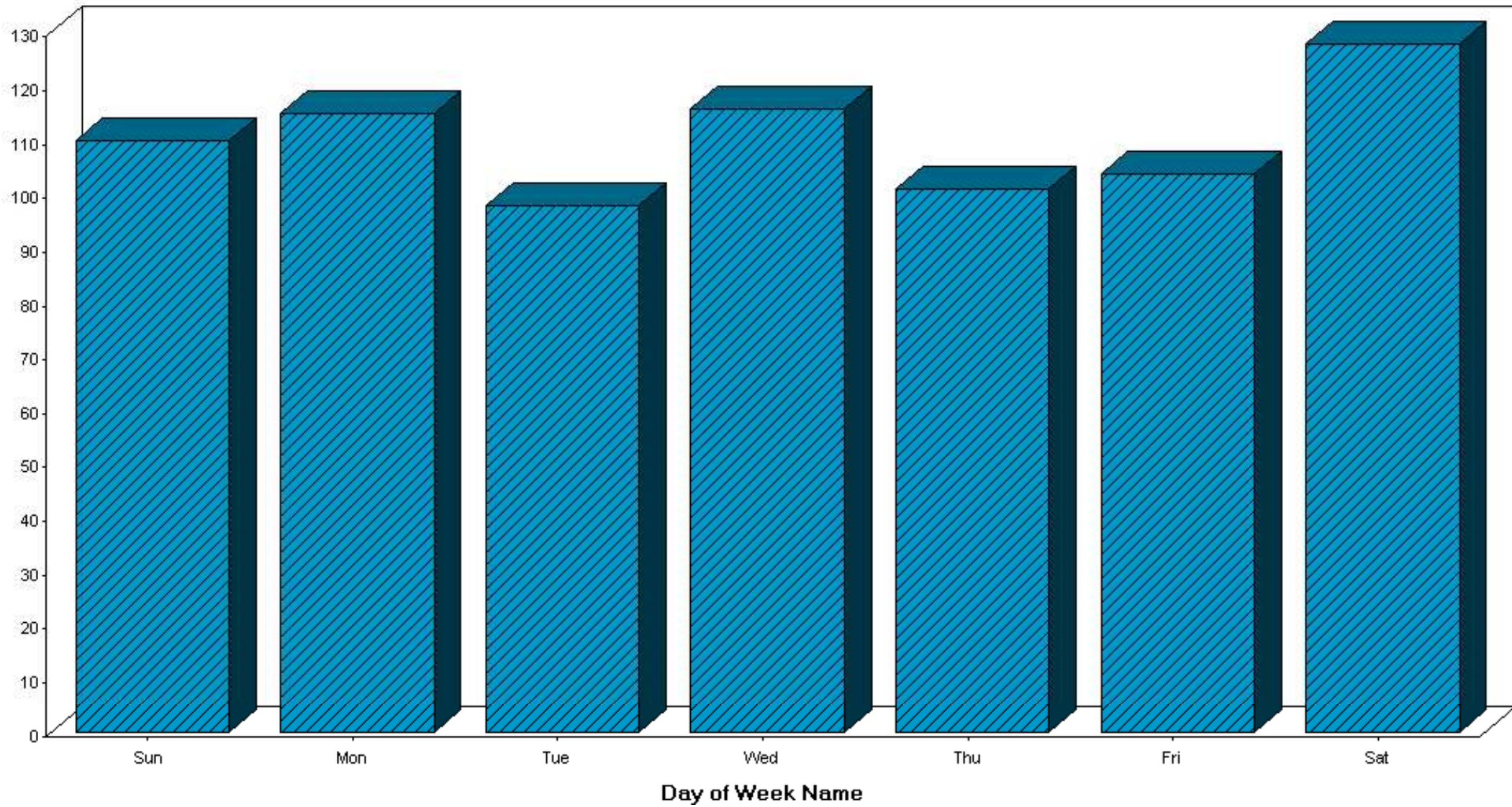
Total Est Loss:

\$894,085

Incident Type Summary  
Alarm Date Between {01/01/2011} And {12/31/2011}



Incident Responses by Day of Week  
**Alarm Date Between {01/01/2011} And {12/31/2011}**



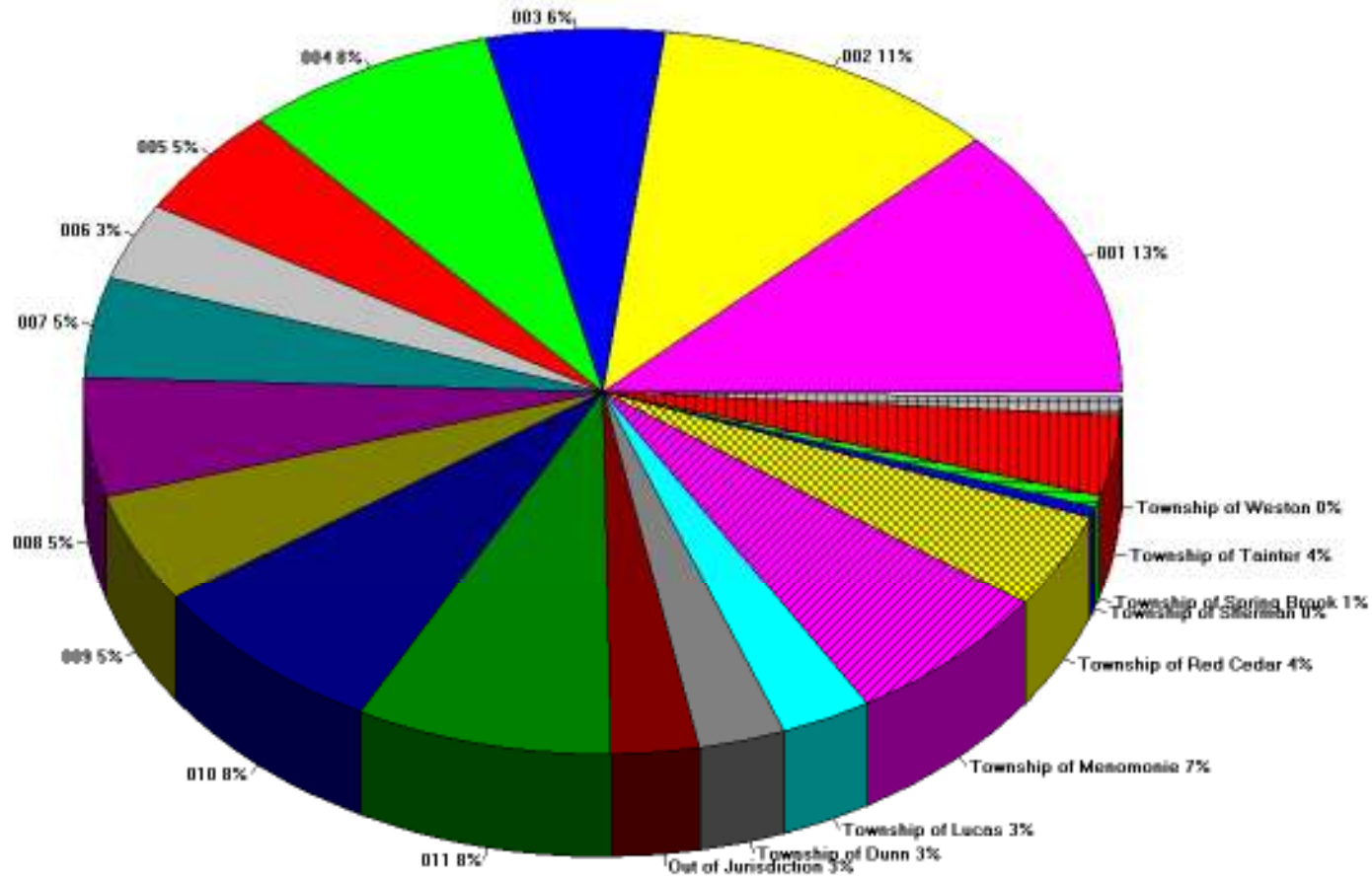
# Menomonie Fire Department

## Incidents by District (Summary)

Alarm Date Between {01/01/2011} And {12/31/2011}

District		Count	Pct of Incidents	Est Losses	Pct of Losses
001	001	98	12.69 %	\$83,000	9.28 %
002	002	84	10.88 %	\$24,900	2.78 %
003	003	43	5.57 %	\$500	0.06 %
004	004	59	7.64 %	\$6,500	0.73 %
005	005	38	4.92 %	\$25,000	2.80 %
006	006	27	3.50 %	\$0	0.00 %
007	007	37	4.79 %	\$75	0.01 %
008	008	41	5.31 %	\$0	0.00 %
009	009	38	4.92 %	\$2,500	0.28 %
010	010	59	7.64 %	\$700	0.08 %
011	011	64	8.29 %	\$11,000	1.23 %
020	Township of Lucas	22	2.85 %	\$480,000	53.69 %
021	Township of Menomonie	51	6.61 %	\$31,100	3.48 %
022	Township of Sherman	3	0.39 %	\$0	0.00 %
023	Township of Weston	1	0.13 %	\$0	0.00 %
024	Township of Red Cedar	33	4.27 %	\$75,250	8.42 %
025	Township of Spring Brook	4	0.52 %	\$0	0.00 %
026	Township of Tainter	28	3.63 %	\$71,300	7.97 %
027	Township of Dunn	21	2.72 %	\$82,260	9.20 %
030	Out of Jurisdiction	21	2.72 %	\$0	0.00 %
Total Incident Count:		772	Total Est Losses:	\$894,085	

Incidents by District  
Alarm Date Between (01/01/2011) And (12/31/2011)





## **Training**

In 2011, 235 classes were taught by instructors and officers to both full time and paid on call members totaling 3,890 hours of instruction. The classes covered a wide variety of topics related to fire fighting, emergency medical services, rescue and hazardous materials.

### **Water Rescue / Boat Operations**

Fire department members spent 170 hours on local lakes and rivers honing their water rescue and recovery skills. This training was conducted using fire department and DNR watercraft. Once on the water, sophisticated electronic side imaging sonar was operated and used to mark “targets” on the bottom. Fire fighters then worked on returning the boat to those “targets” and marking the position for dive teams.

### **EMT-Paramedic Refresher**

15 full time members received refresher training to maintain their licensure. This 48 hour course was held at Menomonie Fire Station #2. As happened last year a portion of this refresher training was conducted on-line.

### **Paid on Call (POC)**

The 20 members that make up our POC force received training on the 1<sup>st</sup> and 3<sup>rd</sup> Monday of each month. Training covered several areas including: fire suppression, water supply, ladders, ropes, tools, rescue, EMS, incident command, building construction and safety. The POC are an integral part of our operations and their training is conducted in a hands-on, scenario based environment.

### **Fire Investigation**

Fire fighter Lynn Johnson continued his investigation training by attending an 80 hour, Arson Methods and Motives course at the National Fire Academy. Lynn continues to be the lead investigator for the Dunn County Arson Task Force.

### **Rapid Intervention Team**

All full time and paid on call members refreshed their initial RIT training during the year. This training is specific and set for “saving our own” should a fire fighter become lost, trapped or otherwise incapacitated in a burning building.

### **FIRE PROTECTION SYSTEMS**

Fire fighters trained on the basic fire protection systems encountered in our service area. Instruction was based on recognition, operation and emergency shut-down of these systems. The importance of a properly operating fire protection system was also stressed. These systems are checked frequently by fire fighters during calls and bi-annual fire inspections.

### **MASS CASUALTY**

Menomonie Fire, Menomonie Police and the University of Wisconsin-Stout participated in a joint “active shooter” drill on campus. This drill, conducted in the Student Center, involved all aspects of fire, EMS and law enforcement for Dunn and neighboring counties. This critical training stretched the assets of all agencies and highlighted areas that needed improvement.

### **MABAS**

The Mutual Aid Box Alarm System drills continue on a monthly basis. This preplanned mutual aid system works very well and is tested by the “host” department each month. This not only keeps the system fresh in the minds of fire fighters, but helps dispatchers work through a simulated large incident.

### **CPR RECERTIFICATION**

All full time and paid on call members of the department were recertified at the American Heart Association standards for CPR. This 4 hour course stresses the importance of quality CPR during a resuscitation attempt. New guidelines this year place a much greater emphasis on chest compressions versus giving breaths.

As all city budgets wane, so too has our training budget. Outside training opportunities have become scarce. Fire fighters have used any and all means necessary to make and use different in-house training scenarios. Through their ingenuity we’ve been able to keep training interesting, poignant and up-to-date.

Denny Klass  
Battalion Chief

## **Fire Safety Inspections**

The Menomonie Fire Department performs fire prevention inspections on all educational, commercial, industrial, manufacturing and multi-unit apartment buildings in our response area. This includes the City of Menomonie, Villages of Knapp and Downsville and Towns of Tainter, Spring Brook, Red Cedar, Lucas, Dunn, Sherman and Weston. All structures mentioned above are inspected twice per year.

Fire Inspections are performed to assist business owners and building managers in the elimination and correction of fire hazards. Inspections are performed by thoroughly looking at all building systems (electrical, heating, plumbing, etc.), construction techniques, processes and storage of combustible materials. We assist the building owner/occupants with identifying hazards and recommending corrective action.

### **Inspection Numbers:**

	<b><u>2010</u></b>	<b><u>2011</u></b>
Total Inspections performed -----	2079	2083
Total hours inspecting -----	624	600
Total violations found -----	510	304
Total violations corrected -----	225	125
Total re-inspections performed -----	4	1
Total notices of violations issued -----	307	221

In 2011 we responded to three fires in buildings we inspect. The first was a room fire at Quality Inn & Suites, 1721 Plaza Drive. The suspicious February 15<sup>th</sup> fire caused an estimated \$30,000 in damage and was controlled by a functioning sprinkler system. An arson fire on May 28<sup>th</sup> caused \$200 damage to the pig barn at the Dunn County Fair Grounds. Finally, a suspicious fire called in on May 29<sup>th</sup> at Norge Village Cleaners, 821 Main Street, was out on our arrival. That fire had burned itself out and caused an estimated \$30,000 in damage. Damage estimates from those three fires was placed at \$60,000. There were no injuries or fatalities as a result of these fires.

We continue to emphasize that we perform inspections to assist the business/building owner in the elimination of hazards which could lead to a devastating fire loss.

Denny Klass  
Battalion Chief

## **COMMUNITY SAFETY**

In 2011 we were once again active in safety at Menomonie Fire and Rescue. Our safety committee continues to meet to try and improve our safety record. Back injuries are a recurring problem and one our safety committee will be looking into. Our members spent the month of October concentrating on teaching Fire Safety to our school aged kids for Fire Prevention Week. We meet with different groups throughout the year to provide safety training and supervise fire drills. One group that we always enjoy working with is the Thursday Night Thrill Seekers. We have been able to help them with fire safety and fire drills. We strive to reach as many members of our community as possible with our safety message.



### **Public Education / Service**

2011 was a busy year with new programs and tracking for our public education group. We implemented a new program to better track our time and community contacts made during our public education and service. While new programs bring growing pains I think this program will be able to enhance our ability to provide more and better services to our community.

The past year was again filled with community education in fire extinguisher, fire safety, first aid, station tours and others. We had the opportunity to educate 3,469 members of the community throughout the past year, of which 1,543 were children. There were a total 2,467 personnel hours put into public education.

We again had a great turnout for our annual open house in October. New this year we used the Eau Claire County Fire Chiefs Association safety house. It is a camper trailer set up to resemble rooms in the average home complete with fire alarms, kitchen and smoke machine. It was a great opportunity to teach the kids how to react when a fire alarm sounds.



The department still attends numerous functions throughout the year at the request of local organizations such as the Dunn County Fair, Snowmobile races, Bike races, Community night out, grand openings, etc. We try to attend as many of these events as we can while still maintaining staffing and being aware of our overtime costs. We are continually looking to improve our level of service in public education. We feel the time we spend educating children and adults now will pay dividends in the later.

John Entorf  
Battalion Chief

## **Facilities**

During 2011 we did maintenance and up keep on our facilities. We did some landscape work at Station 2 as there was a major road work project that created some need for lawn repair. We also continued to refresh the down town station with additional painting. We are looking forward to the new windows which will complete the upgrades of Station #1. One project that came up was a female locker room at station one for one of our new hires. We were fortunate that with the air handling system update we have some additional space that we can utilize for a women's locker room. We are in the process of getting the project together and will complete it in 2012.



Maintenance and repairs are a constant with buildings and our crews work hard at keeping our facilities looking their best. We continue to utilize the talents of our members when possible to do the work as it is a huge cost savings, and it lets our members take pride in the fact that they have done the work to make our buildings look the way they do.

John Entorf  
Battalion Chief

## **EMS Technical Services**

### **EMS Billing**

Andres Medical Billing from Illinois continues to perform the EMS billing duties for MFD. With the changing laws and rules, it is very important to have a billing company that is up to date with all these changes. As always, our goal is to have an accurate patient care report that allows us to collect a larger percent of the billable income.

### **National Registry and Refreshers (continuing education) Administrative duties**

Throughout the year, personnel conducted hundreds of continuing education hours to fulfill the National Registry requirements. In 2011 fifteen personnel at MFD had their National Registry EMS licensure renewed. Along with the continuing education hours, fifteen Medics completed a 48 hour EMT-Paramedic refresher taught by CVTC at Station #2. All of this EMS training helps meet the EMS training requirements mandated by the State of Wisconsin and the National Registry of Emergency Medical Technicians. We are continually looking for ways to improve our EMS training and skills. These Paramedic refreshers allow us to stay current with the latest changes in the EMS field.

### **EMS**

During 2011, several EMS protocols were updated or revised to meet current medical standards. This area of EMS is continually being updated with changing medical standards. It is our goal to stay current with all changes and to make the appropriate changes to our EMS protocols. This year a major project was to revise the Adult Patient Protocols and this process takes numerous hours by many individuals. Special thanks to Fire Fighters Poliak, Christian, and Mucks for helping with this on-going area of EMS.

### **IT Department**

The Information Technology department has been very helpful with ongoing issues regarding our computerized patient care reports. They have been able to troubleshoot problems and also helped establish methods of sending information electronically. The IT department has been very willing to help MFD with issues we have experienced in the past year.

We are able to complete patient care reports while the ambulance is transporting to the hospital. With the advances in technology, we are continually looking at improving in this area.

### **Joint Blood Borne Pathogen Training**

On August 17, 18, 19, and 24 the Menomonie Fire Department and the Menomonie Police Department partnered up for a joint blood borne pathogen class. OSHA requires specific agencies to provide blood borne pathogen training to employees on a yearly basis. The training consisted of hazards in the work place, disease recognition, and precautions to help eliminate exposures. All of the MFD and MPD personnel were divided into four groups and each group attended one of the scheduled days. The classes were located at MFD Station #2 with each class being about 2-3 hours. Each session was

taught by Fire Department personnel. In addition, Fire Fighter Adam Mucks and Michael Christian provided three days CPR Refresher training to all MFD and MPD members.

This joint training was a benefit for both agencies. It helped eliminate overtime cost, maintain staffing in the City, and provided flexibility for the class schedule. Most of all it allowed the two departments to learn together and to share experiences. Interaction like this is always good because it allows the staff to become more familiar with each other and to build upon our positive working relationship. We look forward to more joint training exercises in the future.

### **Task Force**

In 2010, no training was performed at Volk Field due to budget cuts and the status of the Task Force team was in question. With all of the training completed and knowledge gained, we had hoped to have the opportunity to continue this very valuable training.

In 2011, training was again completed at Volk Field by five MFD members. Due to monetary reductions, most fire departments were required to reduce their individual department teams in half. Unfortunately, only five MFD members were allowed to remain active with the State of WI Task Force team. With the reduced members of the team, the team was renamed WI Task Force 1. In previous years the Task Force team had been divided into four regional teams. But now, only one State of WI team remains after the reduction in membership.

Task Force 1 is a specialized rescue team that is comprised of full-time fire department members from around the State of WI. This team could be mobilized in the event of a natural disaster or an act of terrorism. The knowledge and skills that the MFD members have acquired from the Task Force training has been very valuable to the entire department and community.

Andy Benrud  
Lieutenant



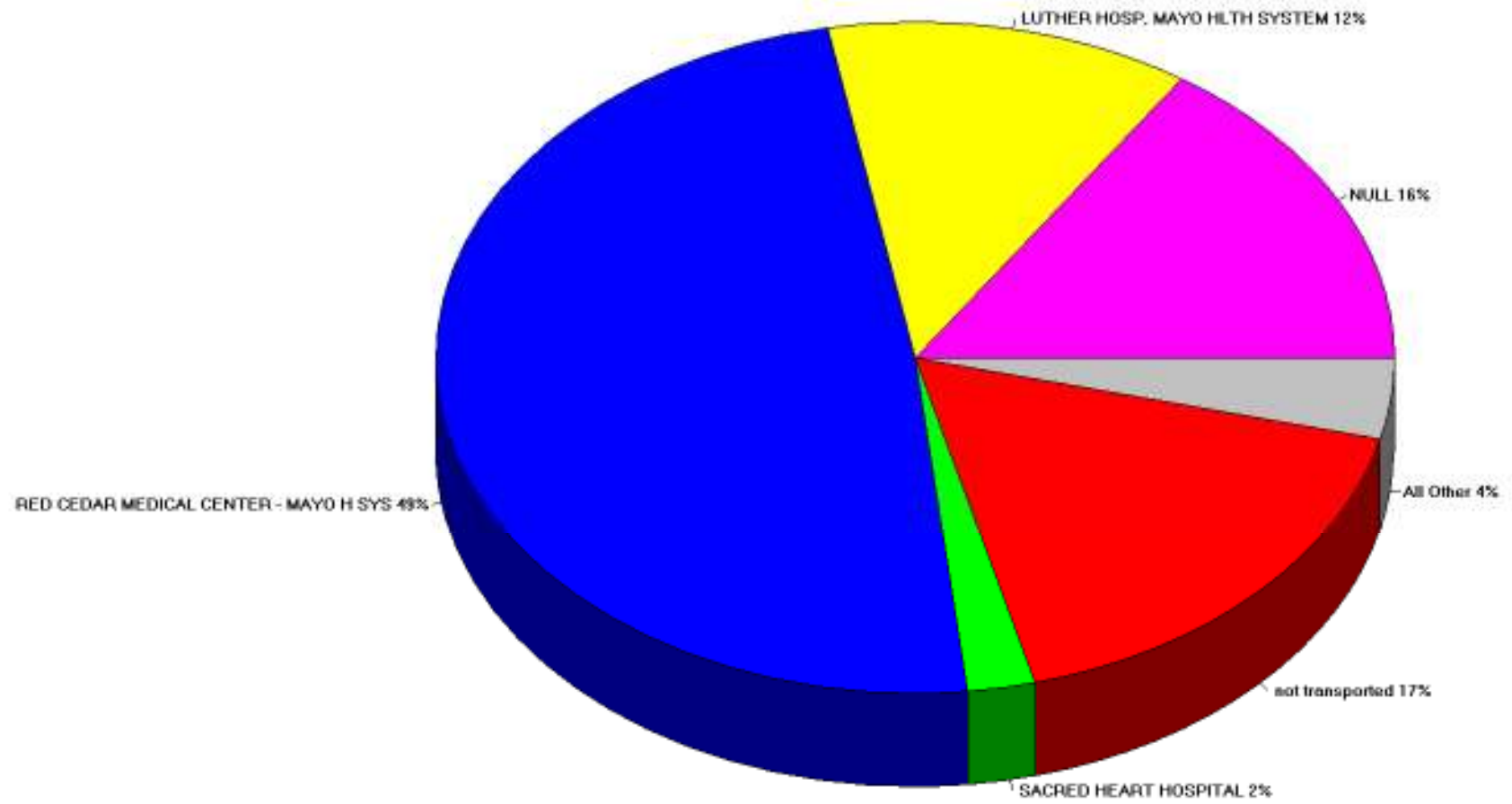
Menomonie Fire Department

EMS District Report (Summary)

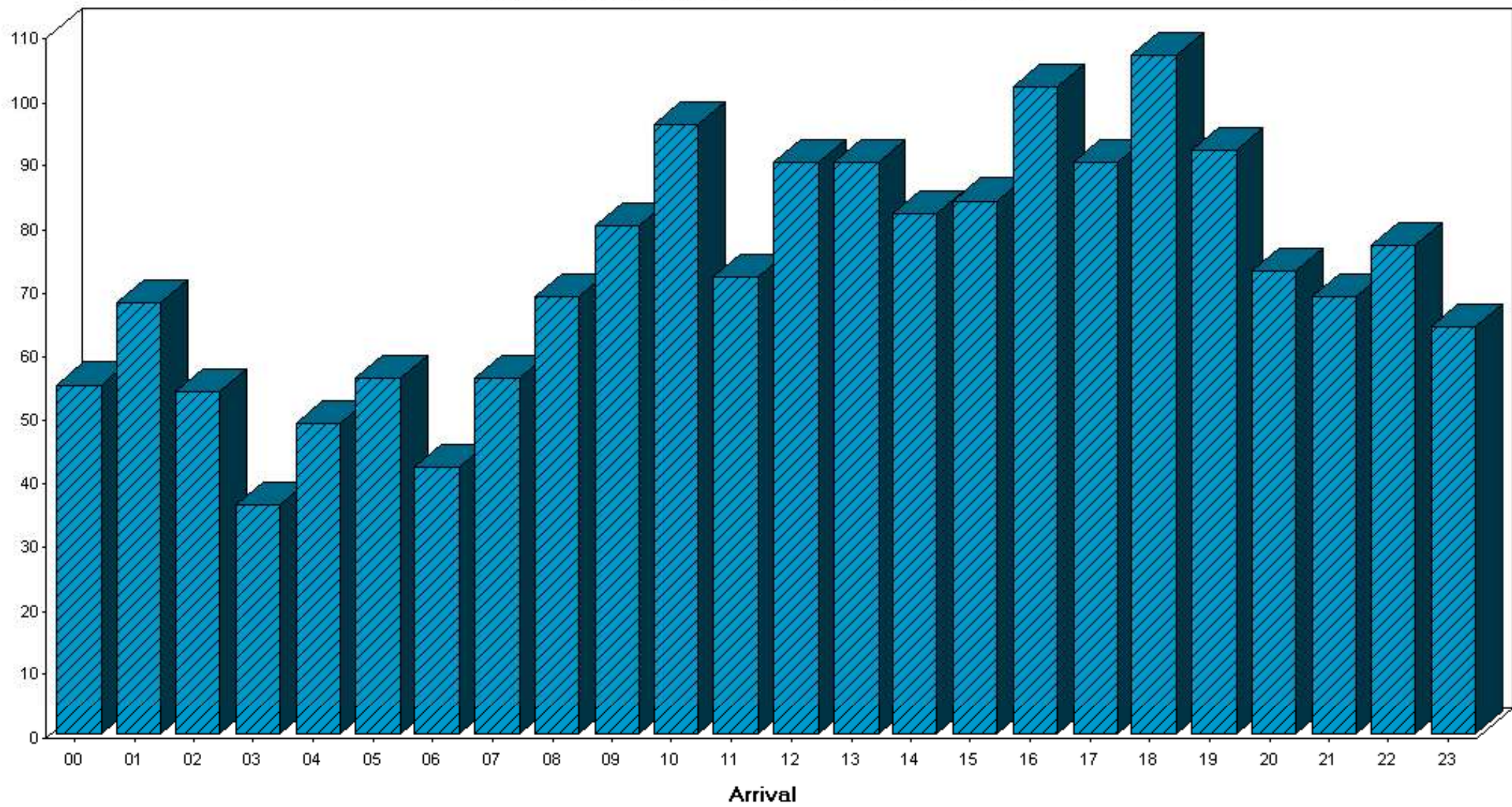
Alarm Date Between {01/01/2011} And {12/31/2011}

District	Incidents	Patients	Incident%	Patient%
001 001	267	265	14.91 %	15.12 %
002 002	153	152	8.54 %	8.67 %
003 003	51	50	2.85 %	2.85 %
004 004	94	93	5.25 %	5.31 %
005 005	41	39	2.29 %	2.22 %
006 006	49	48	2.74 %	2.74 %
007 007	44	43	2.46 %	2.45 %
008 008	62	57	3.46 %	3.25 %
009 009	85	83	4.75 %	4.73 %
010 010	103	100	5.75 %	5.70 %
011 011	453	453	25.29 %	25.84 %
012 012	4	4	0.22 %	0.23 %
020 Township of Lucas	44	42	2.46 %	2.40 %
021 Township of Menomonie	108	103	6.03 %	5.88 %
022 Township of Sherman	12	12	0.67 %	0.68 %
024 Township of Red Cedar	54	54	3.02 %	3.08 %
025 Township of Spring Brook	13	13	0.73 %	0.74 %
026 Township of Tainter	46	45	2.57 %	2.57 %
027 Township of Dunn	47	47	2.62 %	2.68 %
028 Knapp, Village of	19	18	1.06 %	1.03 %
030 Out of Jurisdiction	42	32	2.35 %	1.83 %
Total Incident Count:	1791	Total Patient Count:	1753	

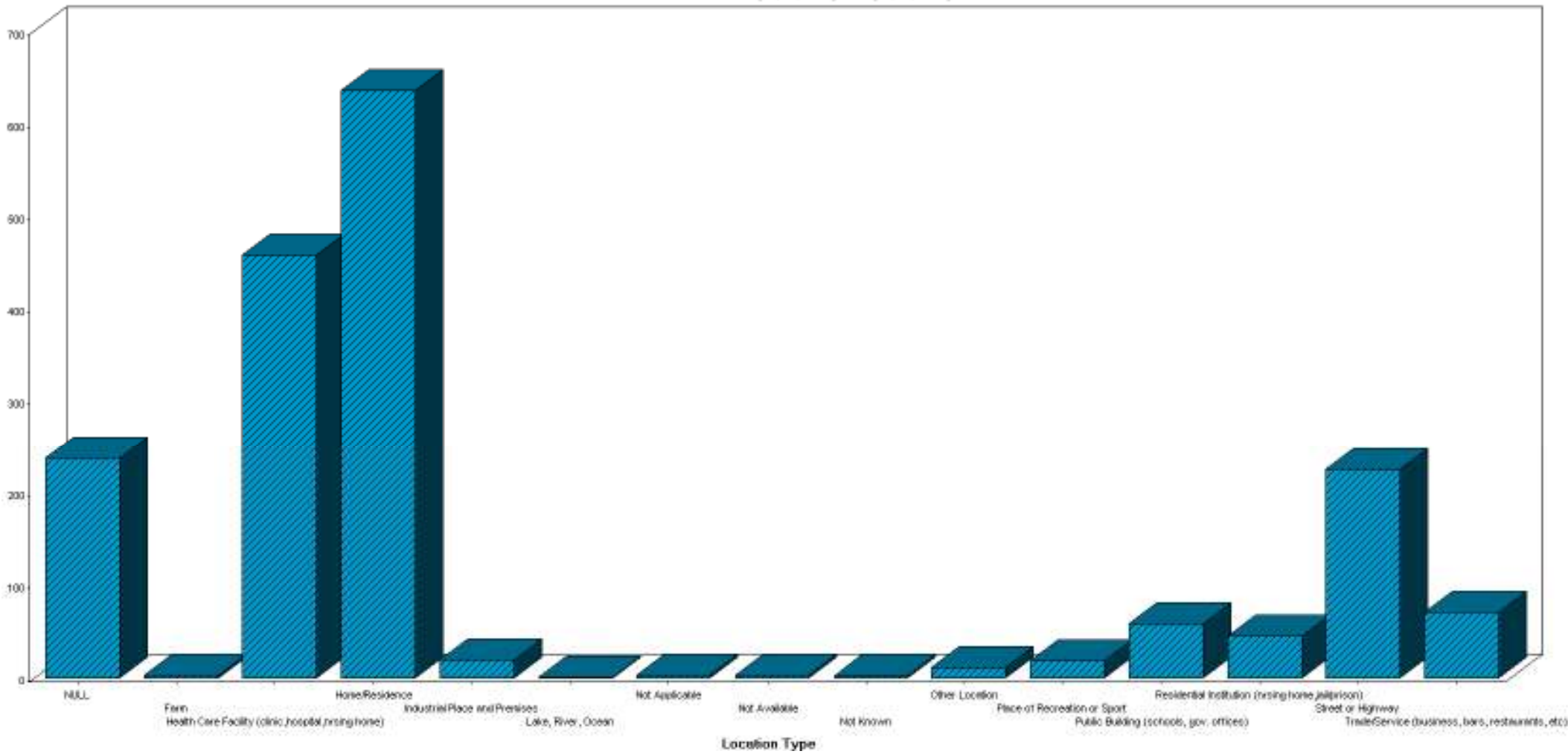
Transports by Destination  
Alarm Date Between (01/01/2011) And (12/31/2011)



Alarm Times  
Alarm Date Between {01/01/2011} And {12/31/2011}

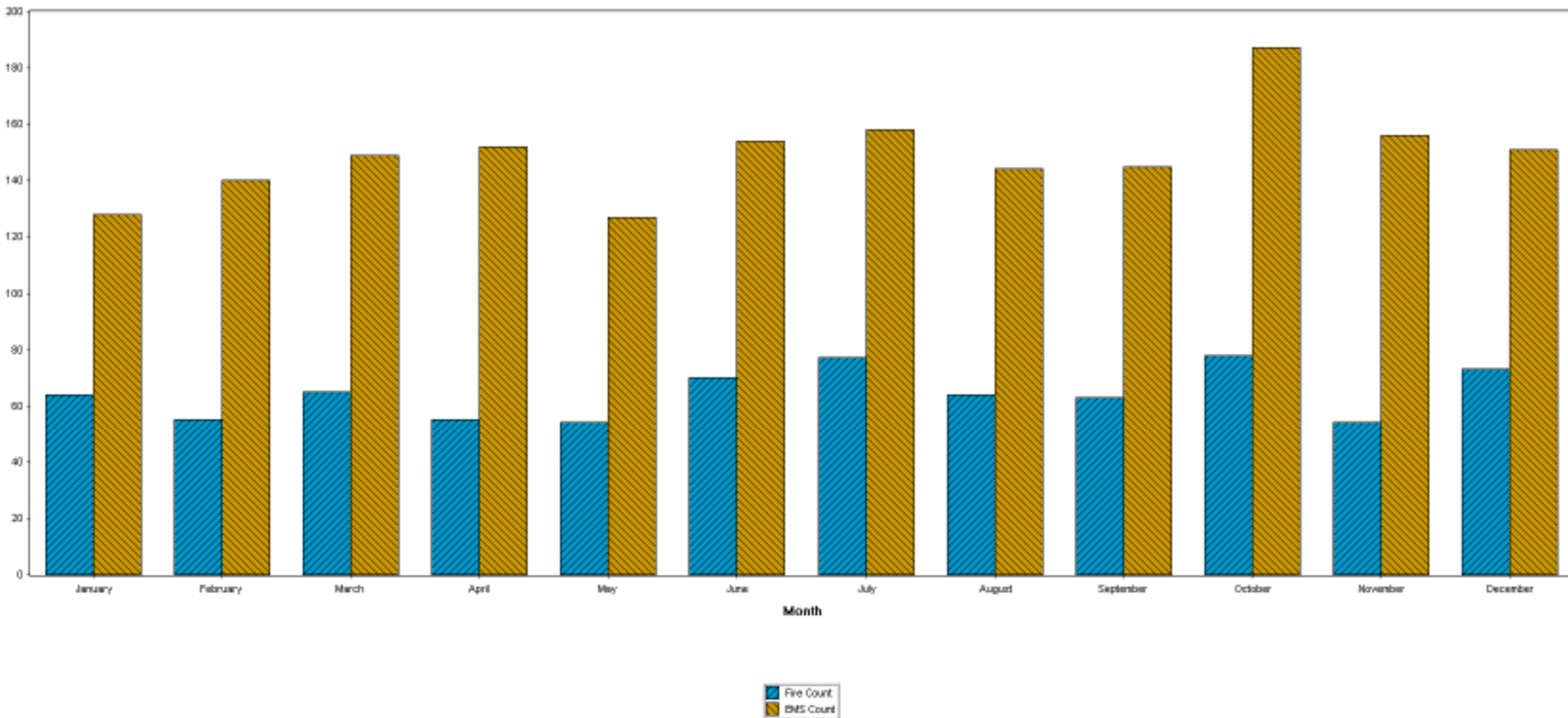


Location Type  
Alarm Date Between (01/01/2011) And (12/31/2011)





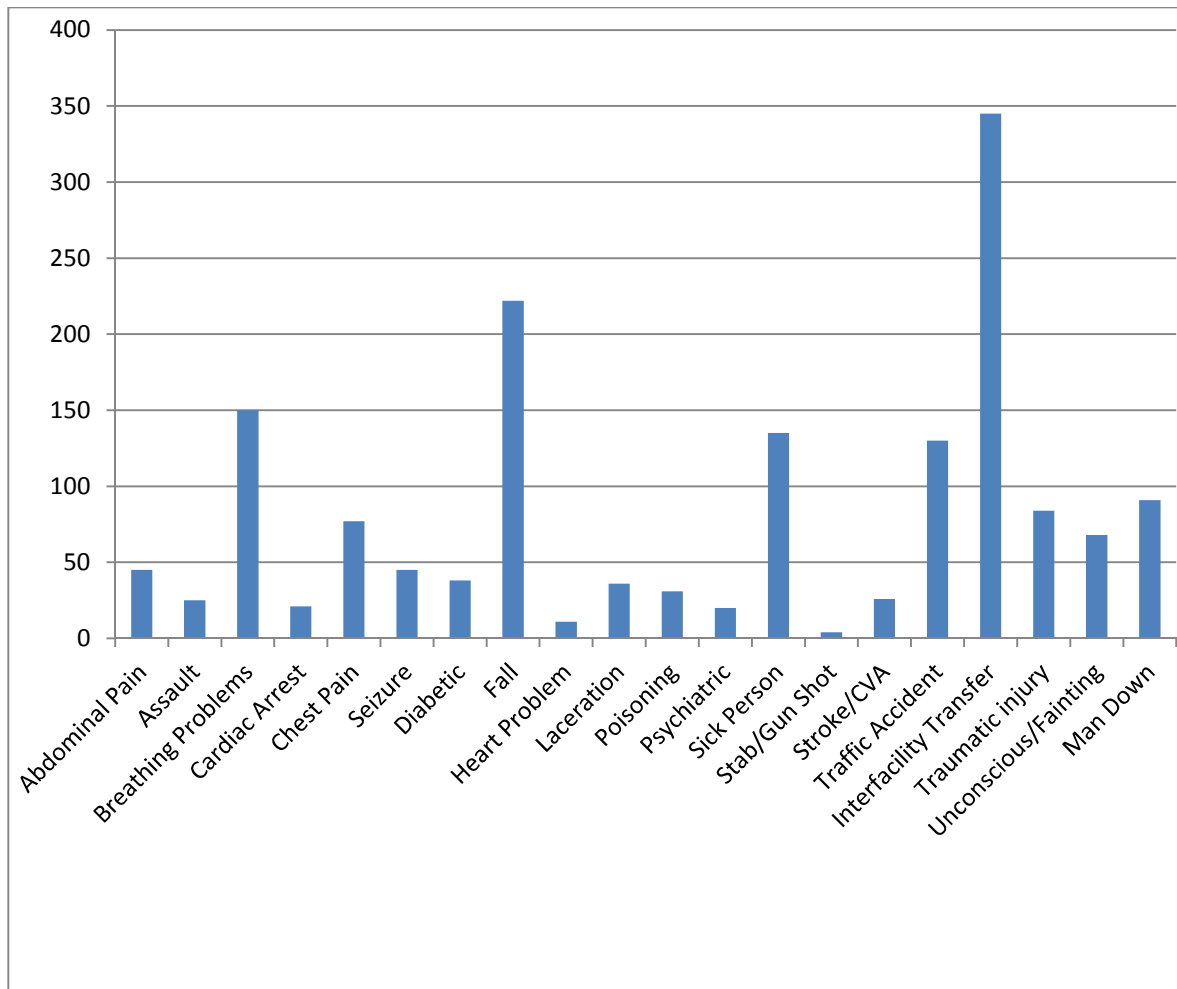
Fire vs EMS by Month  
Fire Alarm Date Between (01/01/2011) And (12/31/2011)  
EMS Alarm Date Between (01/01/2011) And (12/31/2011)



## **TECHNICAL OPERATIONS**

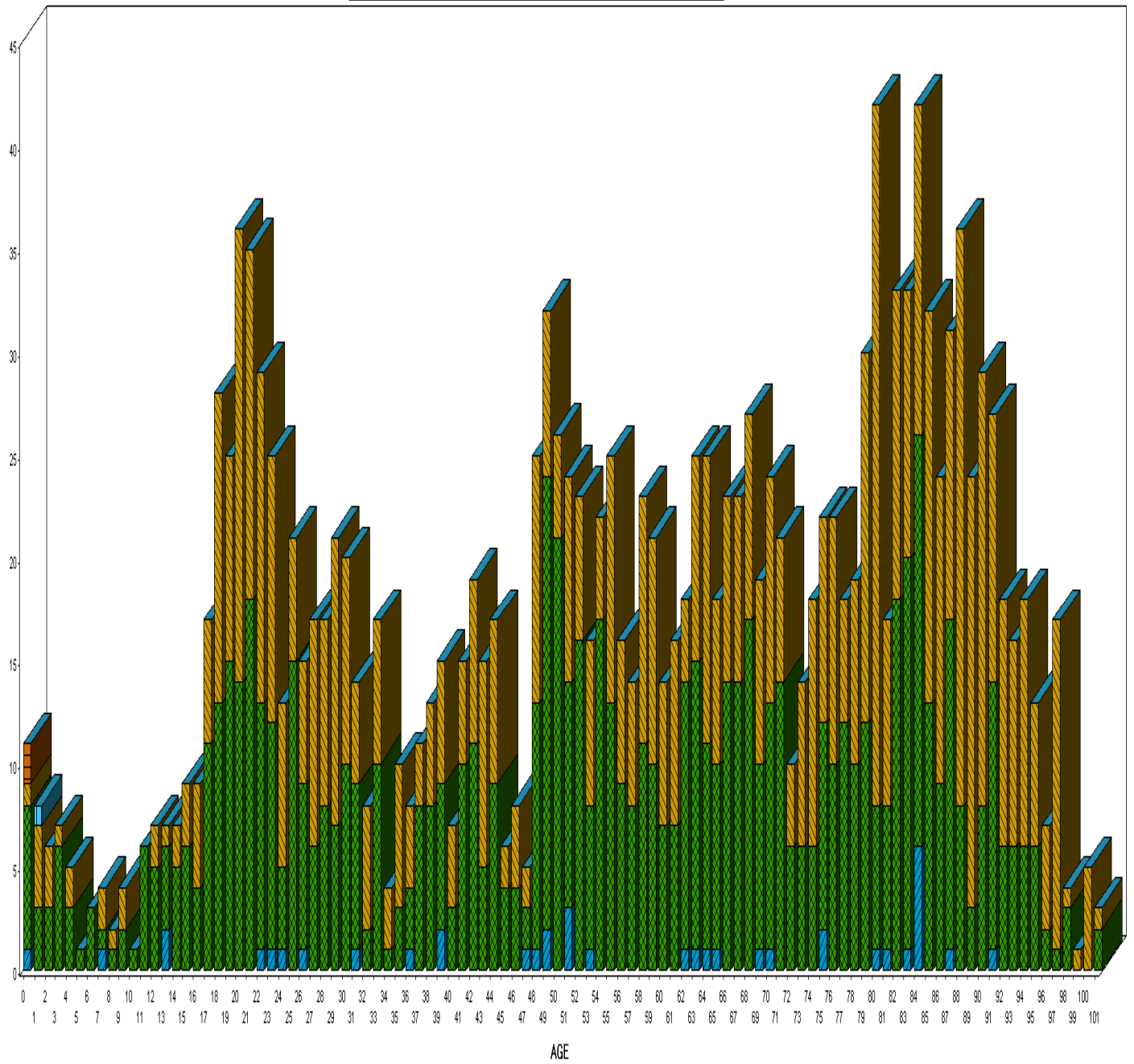
The Menomonie Fire Department had a busy year with a wide range of emergency calls. Despite the wide variety of emergencies and challenging situations, our medics rendered care in the utmost professional way. We responded to a total of 1791 emergency medical calls in 2011. Out of 1791 calls, 1753 patients were transported by ambulance. Some of the common incidents we responded to are listed, but not limited to, below.

**Reason for Call**

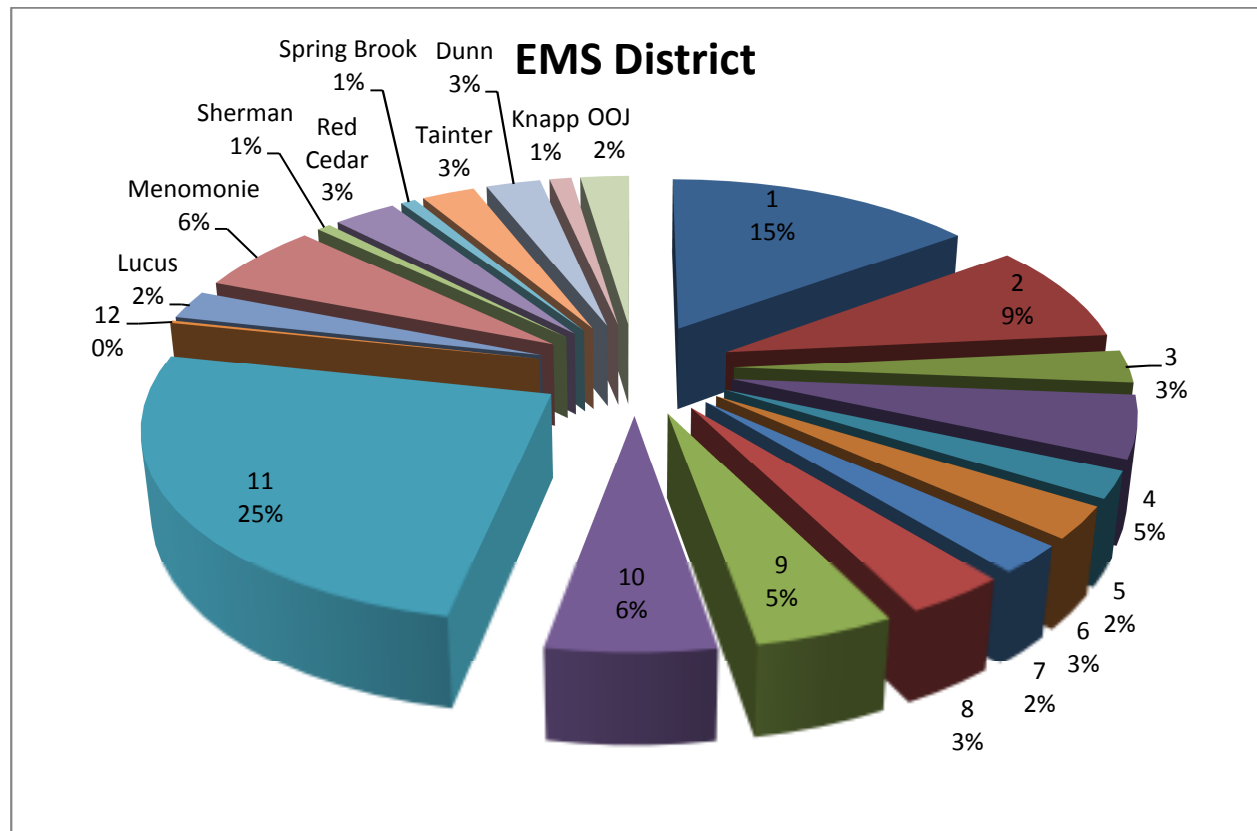


As we look at the type of call that we respond to and the demographics of our patients, our department utilizes our public education efforts to aid in reducing incidents.

Patients by Age and Gender - 2011



The Emergency Medical District for the Fire Department consists of twelve districts that represent the City Council Wards within the city. Additionally the Townships of Lucas, Menomonie, Sherman, Red Cedar, Tainter, Dunn, and the Village of Knapp are in our response area. Our department also responds to mutual aid calls that are outside of our jurisdiction.



### Percent of calls occurring per area

The City of Menomonie’s local hospital is located in District 11 and accounts for a large amount of calls. Most of these calls are for interfacility transports from the hospital to other facilities.

Red Cedar Medical Center has had a name change in the past year and now is referred to as Mayo Clinic Health System Menomonie. Our city hospital remains a “Critical Access” facility and is our primary ambulance transport destination.



Dr. Shawn Swaenepoel is our Medical Director and works in the Emergency Room at Mayo-Menomonie. He is currently working with the Fire Department to transition to a paramedic service.

Menomonie Fire and Rescue is responsible for interfacility medical transports from Mayo-Menomonie to hospitals in Eau Claire, Rochester, Minnesota, and the Twin Cities for more advanced diagnostic and surgical procedures. Cardiac catheterization, burns, trauma and stroke specialists are located at these facilities. Transports are also made from Mayo-Menomonie to the nursing homes and assisted living facilities that are located in Menomonie and our surrounding villages and towns.

Timothy J Koleski  
Lieutenant



## **EMS Supplies**

This summary of the EMS supply division discusses the major vendors used, the approximate amount spent, and some service upgrades that were added for 2011, at the Menomonie Fire Department.

The major vendors used when purchasing EMS supplies are Emergency Medical Products (EMP), Mayo Health Systems-Menomonie (Materials Management and Pharmacy), Zoll Medical, Bound Tree Medical, Med Alliance, and Airgas. Mayo-Menomonie is a large vendor used combining Materials Management at a cost of \$4,105.32 with Pharmacy at \$5,063.42; this includes intravenous (I.V.) solutions, I.V. sets, glucometer test stripes, many medications, and some small items. Emergency Medical Products came in at \$10,712.09. EMP supplies everything from airways to trauma pads. Zoll Medical is where we purchased primarily cardiac defibrillator supplies for \$5,127.40. Bound Tree, is another major vendor used for various items at \$2,128.84. Airgas is the oxygen supplier for us at \$1204.48. We purchased intra osseous needles for initiating difficult intravenous lines from Vida Care at a cost of \$2017.84. The total spent on EMS supplies was \$30,359.39.

We were able to upgrade the service that we provide the community with the purchase of the Auto Pulse. This is a machine that we can place a person on that is in cardiac arrest. This machine will do chest compressions on its own which allow the paramedics to concentrate on

drug administration and other critical things during a cardiac arrest. The price for one Auto Pulse was \$14,951.58, we were able to purchase two units for \$19,725.00

We added several new back boards, to replace older back boards. The larger stock room in the new fire station has made restocking easier. We have upgraded with new shelves for the new stock room. This also saved money. These additions will improve the level of service provided to the public.

Chuck Mensing  
Lieutenant



## **Special Events**

The Special Events Division was created in late 2005. In the past, the on-duty officer would determine what events MFD would be involved in. Now I am the liaison/contact person for outside organizations. This division is better able to organize and manage personnel and equipment for special events. This provides for consistency and familiarity making the process easier for event organizers, and efficiency for the MFD. MFD is able to provide safety and or training in all special events, so it can be an enjoyable experience for everyone involved.

We have been working with local businesses, other city departments, the Menomonie Chamber of Commerce, Main Street of Menomonie, the Dunn County Fair Board, and all other area organizations to promote additional community awareness of MFD services, as well as to increase MFD's community involvement and goodwill. I will be working toward coordinating additional involvement by the Menomonie Fire Department at the local area special events, and will communicate with the on-duty officer regarding the need for staffing and /or equipment prior to these events to allow for the most efficient use of MFD's resources.

We provide standby in the event of an emergency for all types of events including the demolition derby, the rodeo, fireworks and many other events at the Dunn County Fair. The snowmobile race on Lake Menomin is another large scale event that we staff. The Nature Valley bike race is another large event that starts and ends in Menomonie that we provide EMS for in and outside of Menomonie. Many of these events require the standby of an emergency crew to meet safety standards or they would not be able to occur. By working with these event organizers we are able to assist in bringing events into the city for the enjoyment and benefit of our community. We work

together with Mayo Health System-Menomonie in the “Safe Kids Day”, and local schools, and UW-Stout in the production of career fairs and safety days. We also participate in several city parades. These events provide a challenge to MFD, as we work to keep everyone safe and provide EMS and fire protection for all who participate and all who observe. These are just a few of the many annual events we participate in.



Chuck Mensing  
Lieutenant